

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	(Montalbano NEAR Giuseppe) AND UMTS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:01
L2	4	(Montalbano NEAR Giuseppe) AND beamforming	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:05
L3	1	(umts and beamforming) same (logical near2 channel \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:06
L4	534	(umts) and (beamforming) same (channel\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:06
L5	3	(umts or 3GPP) and (beamforming) and ((channel near4 estimat\$4) same ((multipath or multipath) and (cpich and dpch)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:06
L6	1794	(umts or 3GPP) and (beamforming)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:09

L7	164	L6 and ((375/267.ccls.) or (375/136.ccls.) or (375/142.ccls.) or (375/144.ccls.) or (375/150.ccls.) or (375/152.ccls.) or (375/262.ccls.) or (375/341.ccls.))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:09
L8	62	4 and ((375/267.ccls.) or (375/136.ccls.) or (375/142.ccls.) or (375/144.ccls.) or (375/150.ccls.) or (375/152.ccls.) or (375/262.ccls.) or (375/341.ccls.))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:11
L9	31	(umts or 3GPP) and (beamforming) same (channel\$1) and (cpich and dpch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:16
L10	11	(umts or 3GPP) and (beamforming) same (channel\$1) and (cpich and dpch) same estimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:17
L11	17	(umts or 3GPP) and ((beamforming) or (beam near form\$4) or (beam-form\$4)) and ((channel near4 estimat\$4) same ((multipath or multi-path) and (cpich and dpch)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:17
L12	4	((beamforming) or (beam near form\$4) or (beam-form\$4)) and ((channel near4 estimat\$4) same ((multipath or multi-path) and (cpich and dpch))) same delay\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:18

L13	5	((beamforming) or (beam near form\$4) or (beam-form\$4)) and (channel near4 estimat\$4) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:19
L14	3	((beamforming) or (beam near form\$4) or (beam-form\$4)) same (channel near4 estimat\$4) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:19
L15	42	estimat\$4 same ((multipath) or (multi-path) or (multi near path)) SAME coefficient\$1 SAME (time near varying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:22
L16	2	estimat\$4 same ((multipath) or (multi-path) or (multi near path)) SAME coefficient\$1 SAME (time near varying) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:31
L17	2	estimat\$4 same ((multipath) or (multi-path) or (multi near path)) SAME (time near varying) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:31
L18	2	estimat\$4 same ((multipath) or (multi-path) or (multi near path)) SAME coefficient\$1 same (cpich same dpch) same delay\$4 and (time near varying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:32
L19	4	estimat\$4 SAME coefficient\$1 same (cpich same dpch) same delay\$4 same (time near varying) and ((multipath) or (multi-path) or (multi near path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:32

L20	4	estimat\$4 SAME coefficient\$1 same (cpich same dpch) same delay\$4 same (time near varying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/03/29 10:32
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	31	(umts or 3GPP) and (beamforming) same (channel\$1) and (cpich and dpch)	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:33
L22	40	estimat\$4 same ((multipath) or (multi- path) or (multi near path)) SAME coefficient \$1 SAME (time near varying)	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:34
L23	4	((beamforming) or (beam near form\$4) or (beam-form\$4)) and (channel near4 estimat \$4) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:38
L24	4	((beamforming) or (beam near form\$4) or (beam-form\$4)) and (channel near4 estimat \$4) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:42
L25	2	(umts) and (beamforming) same (channel\$1) same (cpich same dpch) same delay\$4	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:42
L26	17	(umts or 3GPP) and ((beamforming) or (beam near form\$4) or (beam-form\$4)) and ((channel near4 estimat \$4) same ((multipath or multi-path) and (cpich and dpch)))	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:45

L27	2	(umts) and (beamforming) same (channel\$1) same ((multipath or multipath) and (cpich and dpch))	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:52
L28	3	(umts) and ((beamforming) or (beam near form\$4) or (beam-form\$4)) same ((multipath or multipath) and (cpich and dpch))	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:53
L30	31	(umts or 3GPP) and (beamforming) same (channel\$1) and (cpich and dpch)	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:56
L31	75	(umts or 3GPP) and ((beamforming) or (beam near form\$4) or (beam-form\$4)) same (channel\$1) and (cpich and dpch)	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 10:58
L32	131	((455/450.ccls.) or (455/422.1.ccls.) or (455/446.ccls.) or (455/337.ccls.) or (455/442.ccls.) or (370/331.ccls.) or (370/329.ccls.) or (370/328.ccls.) or (370/332.ccls.) or (370/332.ccls.) or (370/337.ccls.) or (380/215.ccls.)) and "I4"	US-PGPUB; USPAT; UPAD	AND	ON	2011/03/29 11:31

**3/ 29/ 2011 11:42:55 AM**

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